

## CLAIMS

What is claimed is:

- 1 1. A method of correctly ordering test code for testing software components  
2 comprising the steps of:  
3 generating test code for testing a software component;  
4 utilizing a software diagramming tool to provide at least one sequence  
5 diagram of said software component; and  
6 ordering said test code in accordance with said sequence diagram.
- 1 2. The method of claim 1 wherein said software component is selected from  
2 the group comprising COM, DCOM, COM+, Corba, and EJB.
- 1 3. The method of claim 1 wherein said step of generating test code comprises  
2 the step of determining at least one method of said software component.
- 1 4. The method of claim 3 further comprising the step of evaluating said at  
2 least one method to determine the type of data required to test said at least one  
3 method.
- 1 5. The method of claim 3 further comprising the step of evaluating said at  
2 least one method to determine parameters to be passed to said at least one method  
3 in order to test said at least one method of said software component.
- 1 6. A computer program product comprising a computer usable medium  
2 having computer readable code thereon for correctly ordering test code for testing  
3 software components, the computer readable code comprising:

4 instructions for generating test code for testing a software component;  
5 instructions for utilizing a software diagramming tool to provide at least  
6 one sequence diagram of said software component; and  
7 instructions for ordering said test code in accordance with said sequence  
8 diagram.

1 7. The computer program product of claim 6 wherein said software  
2 component is selected from the group comprising COM, DCOM, COM+, Corba,  
3 and EJB.

1 8. The computer program product of claim 6 wherein said instructions for  
2 generating test code further comprise instructions for determining at least one  
3 method of said software component.

1 9. The computer program product of claim 8 further comprising instructions  
2 for evaluating said at least one method to determine the type of data required to  
3 test said at least one method.

1 10. The computer program product of claim 8 further comprising instructions  
2 for evaluating said at least one method to determine parameters to be passed to  
3 said at least one method in order to test said at least one method of said software  
4 component.